



AMENDMENTS

In the Claims:

Please amend the claims as follows:

RECEIVED

APR 07 2004

Technology Center 2100

1. (Currently Amended) In an iconic programming system, wherein the iconic programming system contains an existing network of connected icons, a computer-implemented method for tracing the execution of icons, the method comprising the steps of:

executing a plurality of the icons via a run of a software program;

setting a flag for each icon executed in the executing step, the flag corresponding with the each icon; and

simultaneously highlighting each icon corresponding with each flag set in the setting step subsequent to the run of the software program.

2. (Previously Presented) The method of claim 1, further comprising the step of performing the setting step during the executing step.

3. (Currently Amended) In an iconic programming system, wherein the iconic programming system contains an existing network of connected icons, a computer-implemented method for tracing the execution of icons, the method comprising the steps of:

executing a plurality of the icons;

setting a flag for each icon executed in the executing step, the flag corresponding with the each icon;

receiving an input subsequent to the executing step; and

simultaneously highlighting, in response to the receiving step, each icon corresponding with each flag set in the setting step;

~~receiving an input subsequent to the executing step; and~~

~~performing the highlighting step in response to the receiving step.~~

4. (Previously Presented) In an iconic programming system, wherein the iconic programming system contains an existing network of connected icons, a computer-implemented method for tracing the execution of icons, the method comprising the steps of:

executing a plurality of the icons;
indicating which of the icons are executed in the executing step;
determining, subsequent to the executing step and based on the indicating step, that the plurality of icons have been executed; and
highlighting the plurality of executed icons in response to the determining step.

5. (Previously Presented) The method of claim 4, wherein the indicating step includes the step of setting, during the executing step, a plurality of flags respectively corresponding with the plurality of icons.

6. (Previously Presented) The method of claim 4, further comprising the steps of:
receiving an input subsequent to the executing step; and
performing the determining step in response to the receiving step.

7. (Currently Amended) An iconic programming computer system containing an existing network of connected icons, the system ~~programmed to perform the following steps~~ comprising:

a display device; and
logic configured to ~~executing~~ execute a plurality of the icons ~~being displayed on the~~
display device during a run of a software program and;
~~indicating~~ provide an indication as to which of the icons are executed ~~during the run~~ in
the executing step; the logic further configured to
~~determining~~ make a determination, subsequent to the ~~executing~~ run step and based on the
~~indicating~~ indication step, that the plurality of icons have been executed; and
highlighting the plurality of executed icons on the display device in response to the
~~determining~~ determination step.

8. (Currently Amended) The system of claim 7, wherein ~~the indicating step~~ includes the step of the logic is further configured to setting, during the runexecuting step, a plurality of flags respectively corresponding with the plurality of icons, and wherein the indication is based on the flags.

C1
9. (Currently Amended) The system of claim 7, wherein the ~~system is further programmed to perform the steps of~~ logic is further configured to:
receiving receive an input subsequent to the runexecuting step; and
performing the ~~determining~~ determination step in response to the ~~receiving step~~ the
input.

C2
10. (New) The system of 9, wherein the input is a user input.
